

**Table S7.** *L. monocytogenes* EGDe genes involved in stress responses and differentially regulated in the host

Gene designation	Gene	Annotation	Homolog in <i>L. innocua</i>	Fold change 24h	Fold change 48h	Fold change 72h
<b>Class I</b>						
<i>HrcA down regulated</i>						
lmo0355	lmo0355	fumarate reductase	lin0374	2,97	6,68	2,51
glpD	lmo1293	similar to glycerol 3 phosphate dehydrogenase	lin1331		3,46	
pflC	lmo1407	pyruvate-formate lyase activating enzyme	lin1444, pflC		2,66	
dnaK	lmo1473	class I heat-shock protein (molecular chaperone) DnaK	lin1510, dnaK		6,68	
grpE	lmo1474	heat shock protein GrpE	lin1511, grpES			
adhE	lmo1634	similar to Alcohol-acetaldehyde dehydrogenase	lin1675	4,79	12,73	3,39
groEL	lmo2068	chaperonin GroEL	lin2174, groEL		5,58	2,01
lmo2269	lmo2269	unknown protein	lin2370		3,01	
gap	lmo2459	glyceraldehyde-3-phosphate dehydrogenase	lin2553		4,50	2,36
<i>HrcA up regulated</i>						
dnaA	lmo0001	chromosomal replication initiation protein DnaA	lin0001, dnaA		2,38	
rpsR	lmo0046	ribosomal protein S18	lin0039, rpsR		4,20	
rplK	lmo0248	ribosomal protein L11	lin0280, rplK	5,46	6,73	3,81
rplA	lmo0249	50S ribosomal protein L1	lin0281, rplA	9,92	12,55	3,07
rpmF-1	lmo0486	ribosomal protein L32	lin0489, rpmF		2,89	
glmS	lmo0727	D-fructose-6-phosphate amidotransferase	lin0734		9,85	2,77
lmo1468	lmo1468	unknown protein	lin1505		6,77	2,48
lmo1541	lmo1541	unknown protein	lin1576	2,95	4,03	
rplU	lmo1542	ribosomal protein L21	lin1577, rplU		8,11	2,22
tsf	lmo1657	elongation factor Ts, EF-Ts	lin1766, tsf		4,79	2,50
rpsB	lmo1658	30S ribosomal protein S2	lin1767, rpsB		7,52	5,82
infC	lmo1785	translation initiation factor IF-3	lin1897, infC		5,70	2,06
fur	lmo1956	similar to transcriptional regulator Fur	lin2070		7,67	2,71
rpmF-2	lmo2047	50S ribosomal protein L32	lin2153, rpmF		1,78	
lmo2048	lmo2048	unknown protein	lin2154		4,92	2,51
trxB	lmo2478	thioredoxin reductase	lin2621, trxB		2,64	
rplM	lmo2597	50S ribosomal protein L13	lin2746, rplM		12,82	3,29
<b>Class II</b>						
<i>SigB up regulated</i>						
lmo169	lmo169	similar to a glucose uptake protein	lin0212		3,12	
inlH	lmo263	internalin H		3,07	6,59	2,41
lmo265	lmo265	similar to succinylaminopimelate desuccinylase	lin0289		2,31	
lmo439	lmo439	weakly similar to a module of peptide synthetase	lin0460		2,77	
lmo539	lmo539	similar to tagatose-1,6-diphosphate aldolase	lin0543	18,77	24,08	
lmo580	lmo580	weakly similar to carboxylesterase	lin0589		2,69	
lmo590	lmo590	unknown protein	lin0599		3,48	
lmo593	lmo593	similar to transport proteins (formate?)	lin0602		2,31	
lmo596	lmo596	unknown protein	lin0605	23,26	68,12	
lmo781	lmo781	similar to mannose-specific phosphotransferase system (PTS) component IID	lin0774		2,57	
lmo782	lmo782	similar to mannose-specific phosphotransferase system (PTS) component IIC	lin0775		4,69	
lmo783	lmo783	similar to mannose-specific phosphotransferase system (PTS) component IIIB	lin0776		3,84	
lmo784	lmo784	similar to mannose-specific phosphotransferase system (PTS) component IIIB	lin0777		2,89	
lmo794	lmo794	similar to <i>B. subtilis</i> YwbN protein	lin0787		4,47	
lmo796	lmo796	unknown protein	lin0789		4,20	
lmo994	lmo994	unknown protein	lin0993		2,53	
cipE	lmo997	ATP-dependent protease	lin0996, cipE	2,64	6,32	2,41
pdhC	lmo1054	dihydroxyacetone dehydrogenase E3 subunit of pyruvate dehydrogenase complex	lin1047		9,00	2,25
AckA2	lmo1168	similar to acetate kinase	lin1132	-4,56	-4,59	-4,00
lmo1601	lmo1601	similar to general stress protein	lin1642		2,19	
lmo1602	lmo1602	unknown protein	lin1643		4,53	2,13
lmo1606	lmo1606	similar to DNA translocase	lin1647		7,73	
lmo1830	lmo1830	unknown protein	lin1944			-2,57
lmo1883	lmo1883	similar to chitinases	lin1996			-2,45
lmo2157	lmo2157	unknown protein		3,29	5,86	2,01
lmo2158	lmo2158	similar to <i>B. subtilis</i> YwbG protein	lin2261	3,01	12,64	
lmo2175	lmo2175	similar to dehydrogenase	lin2278			-2,33
gpm	lmo2205	similar to phosphoglyceromutase 1	lin2308	4,08	8,40	2,14
lmo2386	lmo2386	similar to <i>B. subtilis</i> YubD protein	lin2485		3,63	
lmo2391	lmo2391	conserved hypothetical protein similar to <i>B. subtilis</i> YhfK protein	lin2490		4,56	
ltrC	lmo2394	low temperature requirement C protein, also similar to <i>B. subtilis</i> YutG protein	lin2497, ltrC		2,93	
lmo2672	lmo2672	weakly similar to transcription regulator				-2,31
ribP-4	lmo2674	similar to ribose 5-phosphate epimerase B	lin2821			-2,68
lmo2695	lmo2695	similar to hypothetical dihydroxyacetone kinase	lin2844		2,50	
lmo2697	lmo2697	unknown protein	lin2845		3,14	
<i>SigB down regulated during stationary growth phase</i>						
ispE	lmo190	4-diphosphocytidylyl-2-C-methyl-D-erythritol kinase	lin0229		2,14	
ftsH	lmo220	hypothetical protein. NOTE: highly similar to cell division protein ftsH	lin0352		7,04	2,95
lysS	lmo228	lysyl-tRNA synthetase	lin0260, lysS		3,76	
lap	lmo582	P60 extracellular protein, invasion associated protein lap	lin0591, lap	34,54	28,64	2,04
lmo663	lmo663	hypothetical protein. NOTE: conserved hypothetical proteins	lin0668		2,89	
fabI	lmo970	enoyl-(acyl-carrier protein) reductase	lin0669		3,27	
ispD	lmo1086	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase	lin1071, ispD		2,66	
lmo1087	lmo1087	similar to glutcidol dehydrogenase	lin1072	6,63	4,17	4,26
frf	lmo1314	highly similar to ribosome recycling factors	lin1351		2,68	
lmo1424	lmo1424	putative manganese transport protein Mnth	lin1463		10,20	2,68
lmo1431	lmo1431	similar to ABC transporter (ATP-binding protein).	lin1470		3,46	
lmo1440	lmo1440	unknown proteins.	lin1479		2,43	
rpmA	lmo1540	50S ribosomal protein L27	lin1575, rpmA		3,94	
rplU	lmo1542	ribosomal protein L21	lin1577, rplU	4,72	8,11	2,22
mreD	lmo1546	similar to cell-shape determining protein MreD.	lin1581		2,45	
rpsD	lmo1596	30S ribosomal protein S4	lin1638, rpsD	7,36	14,32	3,07
tsf	lmo1657	elongation factor Ts, EF-Ts	lin1766, tsf		4,79	2,50
lmo1677	lmo1677	1,4-dihydroxy-2-naphthoate octaprenyltransferase	lin1785		3,18	
lmo1752	lmo1752	unknown protein	lin1864		3,43	
infC	lmo1785	translation initiation factor IF-3	lin1897, infC		5,70	2,06
pre-2	lmo1818	ribulose-phosphate 3-epimerase	lin1932			-2,04
pyrE	lmo1831	orotate phosphoribosyltransferase	lin1945, pyrE			-3,56
lptA	lmo1847	lipoproteins binding proteins and lipoproteins with multiple specificity for metal cations	lin1950	6,54	31,12	10,63
lmo1848	lmo1848	similar metal cations ABC transporter (permease protein).	lin1962		9,92	2,87
lmo1849	lmo1849	similar to metal cations ABC transporter, ATP-binding proteins.	lin1963	3,34	17,88	5,58
lmo2048	lmo2048	unknown proteins.	lin2154		4,92	2,51
lmo2192	lmo2192	similar to oligopeptide ABC transporter (ATP-binding protein).	lin2296	7,78	7,21	
lmo2194	lmo2194	similar to oligopeptide ABC transporter (permease).	lin2298	3,36	3,36	2,48
fabF	lmo2201	similar to 3-oxacyl-acyl-carrier protein synthase.	lin2304		3,92	2,03
lmo2254	lmo2254	unknown proteins	lin2356		4,86	
pgi	lmo2367	glucose-6-phosphate isomerase	lin2466, pgi		5,82	2,23
lmo2415	lmo2415	similar to ABC transporter, ATP-binding protein.	lin2510			2,50
pgmA	lmo2456	phosphoglyceromutase	lin2550		6,28	
lmo2503	lmo2503	similar to cardiolipin synthase	lin2646		3,05	
spl	lmo2505	peptidoglycan lytic protein P45	lin2648, spl		12,21	2,68
ftsX	lmo2506	highly similar to cell-division protein FtsX.	lin2649		3,89	
lmo2560	lmo2560	similar to <i>B. subtilis</i> RNA polymerase delta subunit.	lin2705		2,06	
rsf1	lmo2596	30S ribosomal protein S9	lin2745, rsf1	3,56	9,71	
rplM	lmo2597	50S ribosomal protein L13	lin2746, rplM	5,03	12,82	3,29
rplV	lmo2627	50S ribosomal protein L22	lin2776, rplV	12,47	12,21	
rplB	lmo2629	50S ribosomal protein L2	lin2778, rplB			2,06
kat	lmo2785	catalase	lin2920, kat		6,45	2,68
<b>Class III</b>						
<i>CtsB down regulated</i>						
oxoB	lmo0014	AA3-600 quinol oxidase subunit I	lin0014, oxoB		2,42	
lmo0098	lmo0098	similar to PTS system mannose-specific, factor IID.	lin0145		5,00	
lmo0230	lmo0230	similar to <i>B. subtilis</i> YacH protein.	lin0262		2,87	
lmo0231	lmo0231	putative ATP:guanido ATP-binding chain C	lin0263	2,97	5,12	2,27
cipC	lmo0232	endopeptidase Cip ATP-binding chain C	lin0264, cipC	3,32	4,27	
lmo0496	lmo0496	similar to <i>B. subtilis</i> YncC protein.	lin0497			-2,00
lmo0600	lmo0600	unknown protein	lin0609	4,64	5,63	
lmo0609	lmo0609	similar to <i>E. coli</i> phage shock protein E.	lin0618	13,83	6,76	
lmo0944	lmo0944	similar to <i>B. subtilis</i> YneR protein.	lin0943		2,93	
lmo0977	lmo0977	similar to <i>B. subtilis</i> YchJ protein.	lin0976		2,57	
guaA	lmo1096	bifunctional GMP synthase/glutamine amidotransferase protein	lin1081, guaA		2,72	
alsS	lmo2006	alpha-acetylacetate synthase	lin2114		2,43	
lmo2114	lmo2114	similar to ABC transporter (ATP-binding protein).	lin2219		3,68	2,93
gpm	lmo2205	similar to phosphoglyceromutase 1.	lin2308	4,08	8,42	2,15
clpB	lmo2206	similar to endopeptidase Cip ATP-binding chain B (ClpB).	lin2309		3,90	
lmo2208	lmo2208	unknown protein.	lin2311		2,70	